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06/06/01  
06/22/01

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application

PATENT APPLICATION

Inventor(s):

Stephen P. DeOrnellas )  
Leslie G. Jerde )  
Kurt A. Olson )

SC/Serial No.:

Unknown )

Filed:

Herewith )

Title: IMPROVED REACTOR WITH HEATED  
AND TEXTURED ELECTRODES AND  
SURFACES )

Customer No. 23910

CERTIFICATE OF MAILING BY "EXPRESS MAIL" UNDER 37 C.F.R. §1.10

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Date of Mailing: June 22, 2001

I hereby certify that this correspondence is being deposited with the United States Postal Service, utilizing the "Express Mail Post Office to Addressee" service addressed to **Box PATENT APPLICATION, Commissioner for Patents, Washington, DC 20231** and mailed on the above Date of Mailing with the above "Express Mail" mailing label number.

*Matthew A. Mahling* (Signature)

Matthew A. Mahling

Signature Date: June 22, 2001

CONTINUATION APPLICATION TRANSMITTAL LETTER  
UNDER 37 C.F.R. §1.53(b)(1)

Box PATENT APPLICATION  
Commissioner for Patents  
Washington, DC 20231

Dear Sir:

Transmitted herewith for filing as a  continuation  divisional application under the continuing application procedure of 37 C.F.R. §1.53(b)(1) is a patent application identified as follows:

Title: IMPROVED REACTOR WITH HEATED AND TEXTURED ELECTRODES  
AND SURFACES

Inventor(s): Stephen P. DeOrnellas  
Leslie G. Jerde  
Kurt A. Olson

No. of Pages in Specification: 20, No. of Claims: 55.

No. of Sheets of Drawings: 5; Formal:  or Informal: \_\_\_\_.

## **Identification of Prior Complete Application**

SC/Serial No.: 09/453,842

Art Unit: 1763

Filed: December 2, 1999

Examiner: Alejandro, L.

Title: IMPROVED REACTOR WITH HEATED AND TEXTURED ELECTRODES AND SURFACES

Inventor(s): Stephen P. DeOrnellas  
Leslie G. Jerde  
Kurt A. Olson

**Delete the Following Inventor(s) for This Application:** (none)

### **Declaration**

A copy of the Declaration (signed by all inventors) from the Prior Complete Application is submitted herewith.

### **Amendments**

Please CANCEL in this application original claims 1-11, 17-18, 20-29 and 32-55 of the prior complete application before calculating the filing fee. (At least one original independent claim must be retained for filing purposes.) However, if this instruction results in cancellation of all original claims, please instead retain the lowest numbered original claim.

Please AMEND the specification by inserting before the first line of the application: "This application is a continuation of Serial No. 09/453,842, filed December 2, 1999."

A preliminary amendment is enclosed. Please enter the preliminary amendment before calculating the application filing fee. (Claims added must be consecutively numbered beginning with next number after highest number in prior complete application.)

### **Petition for Extension of Time to Respond**

No extension of time is required for the prior complete application.

### **Power of Attorney**

A power of attorney appears in the prior complete application.

### **Assignment**

The prior application is assigned of record to:  
Tegal Corporation

## Claim of Priority

Priority of foreign application Serial No. \_\_\_\_\_, filed on \_\_\_\_\_, in \_\_\_\_\_ is claimed under 35 U.S.C. §1.119.

The certified copy was filed in prior U.S. application Serial No. \_\_\_\_\_, filed \_\_\_\_\_.

## Small Entity Statement

Statement(s) claiming small entity status is (are) submitted herewith.

Statement claiming small entity status was filed in the parent application Serial No. 09/453,842, on February 11, 2000 and its benefit under 37 C.F.R. §1.28(a) is hereby claimed.

## Also Enclosed Are:

An Information Disclosure Statement under 37 C.F.R. §1.56.

Copies of cross-referenced and pending applications:

1. U.S. Application No. 08/974,089;
2. U.S. Application No. 08/985,730;
3. U.S. Application No. 09/204,020.

## Filing Fee

The continuation/divisional patent application filing fee is calculated as shown below:

No. Filed	No. Extra	Rate Small Entity/ Other Than Small Entity	
Basic Fee		\$355.00 \$710.00	= \$355.00
Total Claims <u>8</u> ** - 20 = <u>0</u> *	X	\$ 9.00 \$ 18.00	= \$0.00
Independent Claims <u>1</u> ** - 3 = <u>0</u> *	X	\$ 40.00 \$ 80.00	= \$0.00
First Presentation of Multiple Dependent Claim(s) _____		\$135.00 \$270.00	= \$
Total PATENT APPLICATION FILING FEE:			\$355.00

\* If the difference is less than zero, enter "0".

\*\* Count claims after any amendment.

**Method of Payment of Fees**

The total fee associated with this communication is calculated as follows:

Patent application filing fee	\$355.00
Net fee for extension of time	\$
(See attached petition)	
Assignment recordal fee	\$
(See attached cover sheet)	=====
<b>TOTAL FEE DUE:</b>	<b>\$355.00</b>

A check in the amount of the TOTAL FEE DUE is enclosed.

The Commissioner is hereby authorized to charge underpayment of any additional fees associated with this communication or credit any overpayment to Deposit Account No. 06-1325. A **duplicate** copy of this CONTINUATION OR DIVISIONAL APPLICATION TRANSMITTAL LETTER UNDER 37 C.F.R. §1.53(b)(1) form is enclosed.

**Correspondence Address**

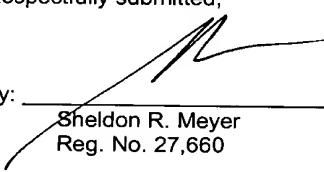
All correspondence should be addressed as follows:

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Direct all telephone calls to the undersigned attorney at (415) 362-3800.

Respectfully submitted,

By:

  
Sheldon R. Meyer  
Reg. No. 27,660

Date: June 22, 2001

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